



Board for Geology
GEOLOGICAL WORK EXPERIENCE LOG

Page _____ of _____

Prior to entering information on this form, please make several photocopies of this blank form to ensure that you have additional forms to accommodate all your experience entries. Please be sure to number the pages according to the total number submitted (i.e., 1 of 3, 2 of 3, etc.) in the upper right-hand corner. **A SEPARATE FORM MUST BE COMPLETED AND SUBMITTED FOR EACH EMPLOYER VERIFYING YOUR EXPERIENCE.**

3. Applicant's Name _____
First Middle Last Generation
(SR, JR, etc.)

4. Employer's Name & Address _____

3. Was the experience obtained under the supervision of a qualified or certified professional geologist?

No ☐
Yes ☐

4. Was the applicant in responsible charge of geological work as defined in Section 18 VAC 70-20-80 (5) of Virginia's regulations?

No ☐
Yes ☐

5. Dates of Employment From _____ To _____

6. Applicant's job title during the employment period noted above: _____

7. During the above dates the applicant obtained geological experience in the following areas. Check **ALL** that apply. If necessary, you may attach a separate sheet of paper:

a. Mineralogy.

- ☐ Identify and classify major rock types.
- ☐ Identify mineral assemblages.
- ☐ Determine probable genesis and sequence of mineral assemblages.
- ☐ Identify minerals on the basis of chemical composition.
- ☐ Predict subsurface mineral characteristics on the basis of exposures and drillholes.

Additional Information _____

b. Petrography/petrology.

- ☐ Identify and classify major rock types.
- ☐ Determine physical properties of rocks.
- ☐ Determine chemical properties of rocks.
- ☐ Determine types or degrees of rock alteration.
- ☐ Determine suites of rock types.

Additional Information _____

c. Geochemistry.

- ☐ Establish analytical objectives and approaches.
- ☐ Evaluate geochemical data.
- ☐ Construct models based on results of geochemical analysis.
- ☐ Make recommendations based upon results of geochemical analyses.
- ☐ Apply geophysical methods to analyze hydrogeologic conditions.
- ☐ Determine physical and chemical properties of aquifers and vadose zones.
- ☐ Determine groundwater flow systems.

Additional Information _____

d. Hydrogeology.

- ☐ Design and interpret hydrologic testing programs.
- ☐ Utilize chemical data to evaluate hydrogeologic conditions.
- ☐ Evaluate groundwater resources.
- ☐ Evaluate groundwater quality.
- ☐ Design wells and drilling programs.
- ☐ Develop groundwater resource management plans.
- ☐ Plan and evaluate remedial action programs.

Additional Information _____

e. Engineering geology.

- ☐ Provide geological information and interpretations for engineering design.
- ☐ Identify and evaluate potential seismic and other geologic hazards.
- ☐ Provide geologic consultation during and after construction.
- ☐ Develop and interpret engineering geology maps and sections.
- ☐ Evaluate materials resources.
- ☐ Define and establish site selection and evaluation criteria.
- ☐ Design and implement field and laboratory programs.
- ☐ Describe and sample soils for geologic analysis and materials properties testing.

Additional Information _____

f. Mining geology.

- ☐ Formulate exploration programs.
- ☐ Implement field investigations on prospects.
- ☐ Perform geologic interpretations for mineral reserves.
- ☐ Perform economic analyses/appraisals.
- ☐ Provide geologic interpretations for mine development and production activities.
- ☐ Provide geologic interpretations for mine abandonments, closures, or restorations.

Additional Information _____

g. Petroleum geology.

- ☐ Formulate exploration programs.
- ☐ Implement field investigations on prospects.
- ☐ Perform geologic interpretations of physical properties and hydrocarbon reserves.
- ☐ Perform petroleum economic analyses/appraisals.
- ☐ Provide geologic interpretations for development and production activities.
- ☐ Provide geologic interpretations for abandonments, closures, or restorations.

Additional Information _____

h. Describe other geological work experience (If necessary, you may attach a separate sheet of paper.):

8. Supervisor's Name: _____ Supervisor's Title _____
(Print)

Supervisor's telephone number () _____ - _____

9. I certify that to the best of my knowledge all information provided on this form is true and accurate.

Signature of Supervisor _____ Date _____